

RECORDING USE ONLY JAN ZUL
ing clinical discounty
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

REQUEST The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) 08241-106 Box No. I TITLE OF INVENTION METHOD AND DEVICE FOR EFFICIENT IN-BAND DIM-AND-BURST SIGNALING AND HALF-RATE MAX OPERATION IN VARIABLE BIT-RATE WIDEBAND SPEECH CODING FOR CDMA WIRELESS SYSTEMS Box No. II APPLICANT This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Telephone No. 514-737-5874 Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Facsimile No. **VOICEAGE CORPORATION** 514-737-2327 750 chemin Lucerne Teleprinter No. Suite 250 Ville Mont-Royal, Quebec, H3R 2H6 Applicant's registration No. with the Office CANADA State (that is, country) of nationality: State (that is, country) of residence: CA This person is applicant all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only JELINEK, Milan applicant and inventor 925 Walton inventor only (If this check-box is marked, do not fill in below.) Sherbrooke, Quebec, J1H 1K4 CANADA Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: CA CA This person is applicant for the purposes of: all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box X Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf common agent of the applicant(s) before the competent International Authorities as: representative Name and address: (Family name followed by given name; for a legal entity, full official designation.

The address must include postal code and name of country.) Telephone No. 514-397-6725 BROUILLETTE, Robert; KOSIE, Ronald; PRINCE, Gaétan Facsimile No. **BROUILLETTE KOSIE PRINCE** 514-397-8515 1100 René-Lévesque Blvd. West Teleprinter No. 25th Floor Montreal, Quebec, H3B 5C9 Agent's registration No. with the Office CANADA Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Sheet No?					
Continuation of Box No. III CRTHER APPLICANT(S) A	ND/OR (FURTHER)	TOR(S)			
if none of the following sub-boxes is used, this sheet should no	t be included in the red	quest.			
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence SALAMI, Redwan 4045 Place Albert-Dreux	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)				
Ville St-Laurent, Quebec, H4R 2Y3 CANADA		Applicant's registration No. with the Office			
State (that is, country) of nationality:	State (that is, country,	of residence:			
This person is applicant all designated for the purposes of: all designated the United States	States except ates of America	the United States of America only the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
		Applicant's registration No. with the Office			
State (that is, country) of nationality:	State (that is, country,) of residence:			
This person is applicant all designated all designated for the purposes of:	States except tes of America	the United States of America only the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
State (that is, country) of nationality:	State (that is, country,) of residence:			
This person is applicant all designated all designated for the purposes of:	States except tes of America	the United States of America only the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office				
State (that is, country) of nationality:	State (that is, country)	of residence:			

all designated States except the United States of America

all designated States

Further applicants and/or (further) inventors are indicated on another continuation sheet.

This person is applicant for the purposes of:

the States indicated in the Supplemental Box

the United States of America only The following designations are hereby made under Rule 4.9(a):

-					-				
к	eg	01	n	al	P	a	te	n	t

- AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line).
- EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- EV European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT

Na	ational Patent (if other kind of protection	or	treat	ment desired, specify on dotted line):			
X	AE United Arab Emirates	X	GM	l Gambia	X	NZ	New Zealand
X	AG Antigua and Barbuda	X	HR	Croatia	X	OM	Oman
X	AL Albania	X	HU	Hungary	X	PH	Philippines
X	AM Armenia	X	αı	Indonesia	X	PL	Poland
X	AT Austria	X	1L	Israel	X	PT	Portugal
X	AU Australia	X	IN.	India	X	RO	Romania
X	AZ Azerbaijan	X	IS	Iceland	X	RU	Russian Federation
X	BA Bosnia and Herzegovina	X	JР	Japan			
X	BB Barbados	X	ΚE	Kenya	X	SC	Seychelles
X	BG Bulgaria	X	KG	Kyrgyzstan	X	SD	Sudan
X	BR Brazil	X	KP	Democratic People's Republic	X	SE	Sweden
X	BY Belarus			of Korea	X	SG	Singapore
	BZ Belize	X	KR	Republic of Korea	X	SK	Slovakia
X	CA Canada	X	ΚZ	Kazakhstan	X	SL	Sierra Leone
	CH & LI Switzerland and Liechtenstein	-					Tajikistan
	CN China						Turkmenistan
				Liberia			Tunisia
	CR Costa Rica				X	TR	Turkey
	CU Cuba				X	TT	Trinidad and Tobago
	CZ Czech Republic				_		
	DE Germany						United Republic of Tanzania
	DK Denmark						Ukraine
			MD	Republic of Moldova			
	DZ Algeria					US	United States of America
X	EC Ecuador	X	MG	Madagascar			
	EE Estonia		MK				
	ES Spain			Macedonia			
	FI Finland						Viet Nam
				VMalawi			
				Mexico			
	GE Georgia						
X	GH Ghana	X	NO	Norway	X	ZW	Zimbabwe
Ch	eck-boxes below reserved for designating	Stat	es u	which have become party to the PCT	after	issu	ance of this sheet:
				have become party to the 1 C1			
-	PG Papua New Guinea						
		_					

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

		Sheet No4				
Box No. VI PRIORITY						
The priority of the following	earlier application(s) is here	by claimed:				
' Filing date of earlier application	Number of earlier application	W	Vhere earlier application	is:		
(day/month/year)	от сагнет аррисаціон	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 5 July 2002 (05.07.2002)	2,392,640	CA				
item (2)						
item (3)						
item (4)						
item (5)						
Further priority claims	are indicated in the Supplem	ental Box.				
The receiving Office is requeif the earlier application was above as:	ested to prepare and transmit filed with the Office which for	to the International Bureau the purposes of this interna	a a certified copy of the entional application is the r	earlier application(s) (only receiving Office) identified		
all items item ((1) item (2)	item (3) item	(4) item (5)	other, see Supplemental Box		
* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):						
Box No. VII INTERNAT	IONAL SEARCHING AU	THORITY				
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):						
	ISA / EPO					
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):						
Date (day/month/year)	Num	ber Coun	try (or regional Office)			
Box No. VIII DECLARATIONS						
The following declarations check-boxes below and indica	are contained in Boxes Nos	. VIII (i) to (v) (mark the ap mber of each type of declard	pplicable ation):	Number of declarations		
Box No. VIII (i)	Declaration as to the identi	ity of the inventor		:		
Box No. VIII (ii)	Declaration as to the appl date, to apply for and be g	icant's entitlement, as at the	e international filing	:		
Box No. VIII (iii)		licant's entitlement, as at the of the earlier application	ne international filing	:		
Box No. VIII (iv)	Declaration of inventorsh	ip (only for the purposes of	the designation of the			

Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :

Box No. VIII (v)

		- 5
Sheet	NIA	J

Box No. IX CHECK LIST .GUAGE C	OF FILING				
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	g Number of items			
request (including declaration sheets) : 5	1. fee calculation sheet 2. original separate power of attorney	:			
description (excluding	3. original general power of attorney	:			
sequence listings and/or tables related thereto) : 38	4. Copy of general power of attorney; reference number,				
claims : 12	if any:				
abstract : 1	5. statement explaining lack of signature 6. priority document(s) identified in Box No. VI as	:			
drawings : 8	item(s):	:			
Sub-total number of sheets: 64 sequence listings:	7. Translation of international application into (language):				
tables related thereto : (for both, actual number of	8. separate indications concerning deposited microorganior other biological material	ıism :			
yor boin, actual number of sheets if filed in paper form, whether or not also filed in computer readable form;	9. sequence listings in computer readable form (indicate type and number of carriers)	•			
see (c) below) Total number of sheets : 64	(i) copy submitted for the purposes of international sea Rule 13ter only (and not as part of the international	l application) :			
(b) only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left a additional copies including, where applicable, the copurposes of international search under Rule 13ter	column) copy for the			
(Section 801(a)(i)) (i) sequence listings (ii) tables related thereto	(iii) together with relevant statement as to the identity of copies with the sequence listings mentioned in left of	f the copy or column			
(ii) ☐ tables related thereto (c) ☐ also in computer readable form (Section 801(a)(ii))	10. tables in computer readable form related to sequence lis (indicate type and number of carriers)				
(i) sequence listings (ii) tables related thereto	(i) copy submitted for the purposes of international sea Section 802(b-quater) only (and not as part of the ir application)	arch under nternational			
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	application) (ii) (only where check-box (b)(ii) or (c)(ii) is marked in lef additional copies including, where applicable, the c purposes of international search under Section 802(copy for the			
sequence listings:	(iii) together with relevant statement as to the identity of copies with the tables mentioned in left column				
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11. other (specify):	:			
Figure of the drawings which should accompany the abstract:	Language of filing of the international application:				
	T, AGENT OR COMMON REPRESENTATIVE gning and the capacity in which the person signs (if such capacity is not obvious)	from reading the request).			
	ing that the capacity in this interpretation of the capacity in the	Jon Commission			
BROUILLETTE KOSIE PRINCE					
·	•				
by:					
Gaétan PRINCE					
	For receiving Office use only				
Date of actual receipt of the purported international application:		2. Drawings:			
	3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
Date of timely receipt of the required corrections under PCT Article 11(2):	·	not received:			
International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid				
	For International Bureau use only				
Date of receipt of the record copy by the International Bureau:					

For receiving Office use only

his	sheet
	\mathbf{D}
	ГСІ

FEE CALCULATION SHEET						
Annex to the Request	International Application No.					
Applicant's or agent's file reference 08241-106	Date stamp of the receiving Office					
Applicant						
VOICEAGE CORPORATION et al.	·					
CALCULATION OF PRESCRIBED FEES						
TRANSMITTAL FEE	200 丁					
2. SEARCH FEE	1440 [S]					
International search to be carried out by (If two or more International Searching Authorities are competent to carry o search, indicate the name of the Authority which is chosen to carry out the in	ut the international sternational search.)					
3. INTERNATIONAL FEE Basic Fee						
Where items (b) and/or (c) of Box No. IX apply, enter Sub-total nu Where items (b) and (c) of Box No. IX do not apply, enter Total nu						
b1 first 30 sheets	730 61					
b2 34 x 17 =	578 62					
in excess of 30 additional component (only if sequence listings and/or tables thereto are filed in computer readable form under Section 801 or both in that form and on paper, under Section 801(a)(ii)):	related (a)(i),					
400 x =	b3					
fee per sheet	1000 🗔					
Add amounts entered at b1, b2 and b3 and enter total at B Designation Fees The international application contains 119 designations.	1308 В					
5 x5 =	785 D					
number of designation fees payable (maximum 5) amount of designation fee	_					
Add amounts entered at B and D and enter total at I	2093 🔟					
(Applicants from certain States are entitled to a reduction of 75! international fee. Where the applicant is (or all applicants are) so entitled to be entered at I is 25% of the sum of the amounts entered at B and D	(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)					
4. FEE FOR PRIORITY DOCUMENT (if applicable)	[]					
5. TOTAL FEES PAYABLE	3733					
Add amounts entered at T, S, I and P, and enter total in the TOTAL t	TOTAL					
The designation fees are not paid at this time.						
MODE OF PAYMENT						
authorization to charge deposit account (see below) postal money order	cash coupons					
cheque bank draft	revenue stamps					
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCO (This mode of payment may not be available at all receiving Offices)	OUNT Receiving Office: RO/					
Authorization to charge the total fees indicated above.	Deposit Account No.:					
(This check-box may be marked only if the conditions for deposit accou of the receiving Office so permit) Authorization to charge any deficier	ncy					
or credit any overpayment in the total fees indicated above. Authorization to charge the fee for priority document	Name:					